

IN THE CLAIMS:

Please amend claims 1-11, 13-17, and 19-22 as follows.

Please add claims 23-26 as follows.

Please cancel claim 18 without prejudice or disclaimer.

1. (Currently Amended) A method, ~~of enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal and a second parameter, the method comprising the steps of:~~

~~determining a current first parameter value from an index corresponding to a first parameter, wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal and a second parameter;~~

adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

determining a current second parameter value from the index ~~further corresponding to the~~ second parameter; and

determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter

value and the current second parameter value.

2. (Currently Amended) A method, of enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal and a background noise parameter, the method comprising the steps of:

determining a current first parameter value from an index corresponding to at least a first parameter; wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal and a second parameter;

adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

determining a new index value from a table relating index values to at least first parameter values, such that a new first parameter value corresponding to the new index value substantially matches the enhanced first parameter value;

detecting a current background noise parameter index value; and

determining a new background noise parameter index value corresponding to the enhanced first characteristic.

3. (Currently Amended) The method according to claim 1, further comprising the step of:

replacing a current value of the index corresponding to at least the first parameter by the determined new index value.

4. (Currently Amended) The method according to claim 1, further comprising the steps of:

detecting a current background noise parameter index value; and
determining a new background noise parameter index value corresponding to the first enhanced characteristic.

5. (Currently Amended) The method according to claim 1, further comprising the step of:

determining the new index value from the table such that a substantial match of the current second parameter value has precedence.

6. (Currently Amended) The method according to claim 2, further comprising the step of:

replacing a current value of the index corresponding to the first parameter by the determined new index value.

7. (Currently Amended) An apparatus, for enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a

~~first parameter representing a first characteristic of the audio signal and a second parameter, the apparatus comprising:~~

~~a parameter value determination means for determiner configured to determine~~ a current first parameter value from an index corresponding to a first parameter and ~~for determining~~ ~~determine~~ a current second parameter value from the index further corresponding to a second parameter; wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal and the second parameter;

~~an adjusting means for adjuster configured to adjusting adjust~~ the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value; and

~~an index value determination means for determiner configured to determine~~ a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, wherein a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value.

8. (Currently Amended) An apparatus, ~~for enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal and a background~~

~~noise parameter, the apparatus comprising:~~

a parameter value determination means for determining~~determiner configured to determine~~ a current first parameter value from an index corresponding to at least a first parameter; wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal and a background noise parameter;

an adjusting means for adjusting~~adjuster configured to adjust~~ the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

an index value determination means for determining~~determiner configured to determine~~ a new index value from a table relating index values to at least first parameter values, such that a new first parameter value corresponding to the new index value substantially matches the enhanced first parameter value;

~~detecting means for detecting~~a detector configured to detect a current background noise parameter index value; and

~~determining means for determining~~a determiner configured to determine a new background noise parameter index value corresponding to the enhanced first characteristic.

9. (Currently Amended) The apparatus according to claim 7, further comprising:

~~a replacing means for replacing~~a replacer configured to replace a current value of

the index corresponding to at least the first parameter by the determined new index value.

10. (Currently Amended) The apparatus according to claim 7, further comprising:
~~detecting means for detecting a detector configured to detect a current background noise parameter index value; and~~
~~determining means for determining a determiner configured to determine a new background noise parameter index value corresponding to the enhanced first characteristic.~~

11. (Currently Amended) The apparatus according to claim 7, wherein the index value ~~determination means~~determiner is configured to determine the new index value from the table such that substantially matching the current second parameter value has precedence.

12. (Original) The apparatus according to claim 8, further comprising:
~~replacing means for replacing a replacer configured to replace~~ a current value of the index corresponding to the first parameter by the determined new index value.

13. (Currently Amended) A method, of enhancing a coded audio signal comprising indices which represent audio signal parameters, the method comprising the steps of:

detecting a characteristic of an audio signal; wherein a coded audio signal comprises indices that represent audio signal parameters;

detecting a current background noise parameter index value; and

determining a new background noise parameter index value corresponding to the detected characteristic of the audio signal.

14. (Currently amended) An apparatus, ~~for enhancing a coded audio signal comprising indices which represent audio signal parameters, the apparatus comprising:~~

detecting means for detecting a characteristic of an audio signal; wherein a coded audio signal comprises indices that represent audio signal parameters;

detecting means for detecting a current background noise parameter index value;

and

determining means for determining a new background noise parameter index value corresponding to the detected characteristic of the audio signal.

15. (Currently Amended) A method, ~~of enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal, a second parameter and a background noise parameter, the method comprising the steps of:~~

determining a current first parameter value from an index corresponding to a first parameter; wherein a coded audio signal comprises indices that represent audio signal

parameters comprising at least the first parameter representing a first characteristic of the audio signal, a second parameter and a background noise parameter;

adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

determining a current second parameter value from the index further corresponding to the second parameter;

determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value;

detecting a current background noise parameter index value; and

determining a new background noise parameter index value corresponding to the enhanced first characteristic.

16. (Currently Amended) An apparatus, ~~for enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal, a second parameter and a background noise parameter, the apparatus comprising:~~

parameter value determination means for determining a current first parameter value from an index corresponding to a first parameter and for determining a current

second parameter value from the index further corresponding to a second parameter; wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal, the second parameter and a background noise parameter;

adjusting means for adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

index value determination means for determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value;

detecting means for detecting a current background noise parameter index value; and

determining means for determining a new background noise parameter index value corresponding to the enhanced first characteristic.

17. (Currently Amended) ~~A computer program product, comprising portions for performing steps when the product is run on a computer A computer program embodied on a computer-readable medium comprising a program code configured to control a processor to execute a process of for enhancing a coded audio signal comprising indices~~

which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal and a second parameter, the steps process comprising:

determining a current first parameter value from an index corresponding to a first parameter;

adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

determining a current second parameter value from the index further corresponding to a second parameter; and

determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value.

18. (Canceled)

19. (Currently Amended) The computer program-product according to claim 17, wherein said computer program product is directly loadable into the an internal memory of the computer.

20. (Currently Amended) ~~A computer program product, comprising software code portions for performing steps when the product is run on a computer~~ A computer program embodied on a computer-readable medium comprising a program code configured to control a processor to execute a process of ~~for~~ enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal and a background noise parameter, the stepsprocess comprising:

determining a current first parameter value from an index corresponding to at least a first parameter;

adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

determining a new index value from a table relating index values to at least first parameter values, such that a new first parameter value corresponding to the new index value substantially matches the enhanced first parameter value;

detecting a current background noise parameter index value; and

determining a new background noise parameter index value corresponding to the enhanced first characteristic.

21. (Currently Amended) ~~A computer program product, comprising software code portions for performing steps when the product is run on a computer~~ A computer program embodied on a computer-readable medium comprising a program code configured to

control a processor to execute a process of for enhancing a coded audio signal comprising

indices which represent audio signal parameters, the stepsprocess comprising:

detecting a characteristic of an audio signal;
detecting a current background noise parameter index value; and
determining a new background noise parameter index value corresponding to the detected characteristic of the audio signal.

22. (Currently Amended) ~~A computer program product, comprising software code portions for performing steps when the product is run on a computer A computer program embodied on a computer-readable medium comprising a program code configured to control a processor to execute a process of for enhancing a coded audio signal comprising indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal, a second parameter and a background noise parameter, the stepsprocess comprising:~~

indices which represent audio signal parameters which comprise at least a first parameter representing a first characteristic of the audio signal, a second parameter and a background noise parameter, the stepsprocess comprising:

determining a current first parameter value from an index corresponding to a first parameter;

adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

determining a current second parameter value from the index further corresponding to a second parameter;

determining a new index value from a table relating index values to first parameter

values and relating the index values to second parameter values, such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value substantially match the enhanced first parameter value and the current second parameter value;

detecting a current background noise parameter index value; and
determining a new background noise parameter index value corresponding to the enhanced first characteristic.

23. (New) An apparatus, comprising:

parameter value determination means for determining a current first parameter value from an index corresponding to a first parameter and determining a current second parameter value from the index further corresponding to a second parameter, wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal and the second parameter;

adjusting means for adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value; and

index value determination means for determining a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, wherein a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value

substantially match the enhanced first parameter value and the current second parameter value.

24. (New) An apparatus, comprising:

parameter value determination means for determining a current first parameter value from an index corresponding to at least a first parameter, wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal and a background noise parameter;

adjusting means for adjusting the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

index value determination means for determining a new index value from a table relating index values to at least first parameter values, such that a new first parameter value corresponding to the new index value substantially matches the enhanced first parameter value;

detecting means for detecting a current background noise parameter index value; and

determining means for determining a new background noise parameter index value corresponding to the enhanced first characteristic.

25. (New) An apparatus, comprising:

a detector configured to detect a characteristic of an audio signal, wherein a coded audio signal comprises indices that represent audio signal parameters;

a detector configured to detect a current background noise parameter index value;

and

a determiner configured to determine a new background noise parameter index value corresponding to the detected characteristic of the audio signal.

26. (New) An apparatus, comprising:

a parameter value determiner configured to determine a current first parameter value from an index corresponding to a first parameter and determine a current second parameter value from the index further corresponding to a second parameter, wherein a coded audio signal comprises indices that represent audio signal parameters comprising at least the first parameter representing a first characteristic of the audio signal, the second parameter and a background noise parameter;

an adjuster configured to adjust the current first parameter value in order to achieve an enhanced first characteristic, thereby obtaining an enhanced first parameter value;

an index value determiner configured to determine a new index value from a table relating index values to first parameter values and relating the index values to second parameter values, such that a new first parameter value corresponding to the new index value and a new second parameter value corresponding to the new index value

substantially match the enhanced first parameter value and the current second parameter value;

a detector configured to detect a current background noise parameter index value; and

a determiner configured to determine a new background noise parameter index value corresponding to the enhanced first characteristic.